



PROJECT NUMBER

323666

BORING ID:

17C076

Sheet 1 of 1

SOIL BORING LOG

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling

LOCATION: Near Marsh

ELEVATION: 146.37

NORTHING: 2162381.47

EASTING: 6743960.25

DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA

DRILLING METHOD AND EQUIPMENT USED: Truck Mounted Direct Push

WATER LEVELS: 5.6 ft bgs

START: 6/24/2005 11:30:00 AM

END:

LOGGER: B. Moayyad

DEPTH BGS (ft)				STANDARD PENETRATION TEST RESULTS	CORE DESCRIPTION:	COMMENTS:
INTERVAL (ft)					SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
		RECOVERY		TYPE-#		
				SS-Split Spoon ST-Shelby Tube	6-6-6 (in) (N)	
0	0-3.5	2.8/ 4.0'			SM - SILTY SAND (SM), reddish brown, moist, loose, occasional	No PID
1					- gravel, ~20% silt, ~80% very fine sand	
2					-	
3					-	
3.5-5.5					SW - WELL GRADED SAND WITH SILT AND GRAVEL (SW), light reddish	Gradational transition from SM at 3 ft to GW at
4		3.0/ 4.0'			SW - brown, dry, ~20% fine gravel, ~65% sand, ~15% fines	10 ft
5					-	
5.5-10					SWG - WELL GRADED SAND AND WELL GRADED GRAVEL (SW+GW), light	
6					- reddish brown, dry, medium to dense	
7		2.8/ 4.0'			SWG - Same as above, becomes gray, saturated and more gravelly	
8					- below 7 ft, ~40-50% fine to medium gravel, ~40-50% fine to	
9					- coarse sand, ~5-10% fines	
10	10-14				GM - SILTY GRAVEL (GM), brown to gray, hard, ~50% decomposing	11:55 Collect 17C076HP10 at 12 ft
11					- gravel, ~20% sand, 30% fines	
12		3.0/ 4.0'			GM - Same as above, becomes wet and loose, ~60% gravel, 20%	
13					- sand, ~20% fines	
14	14-19.5				GM - Same as above, gray, moist, dense, ~45% decomposing gravel,	
15					- ~25% sand, ~35% fines, gravels become less degraded	
16	16-	1.5/ 3.5'			GM -	
17					-	
18					GM - Cobbles 18-19.5 ft, fractured gravel/cobbles? At 18-19.5 ft	Fractured gravel/cobbles in shoe
19					-	
20					GM - EOB at 19.5 ft bgs	Refusal at 19.5 ft. Sand within casing at the 11
					-	ft bgs. Some water from above may be entering
					-	pipe seams. 12:25 Collect 17C075HP20 at 19.5 ft.